

Sunlight Readable LCD

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12.1"

Specifications

RoHS
COMPLIANT
2002/95/EC

Model Name	R12L600-OFM2TR
Viewable Size Image	12.1"
Active Display Area(mm)	245.76(H)x184.32(V)
Pixel Pitch(mm)	0.240(H)x0.240(V)(typ.)
Number of Pixels	1024x768
Contrast Ratio	500:1(typ.)
Display Color	262144(6bit/colors)
Brightness(cd/m ²)	500 *(typ.)
Viewing Angle(CR>=10)	-60~60(H); -50~40(V)
Synchronization Range	31.5~60.0KHz/60~75Hz
Horizontal/Vertical	
Recommended Resolution	1024x768@60Hz,75Hz
Signal Connector	15 pin D-Sub
Power Source	AC100~240V, Universal, ±10%
Power Consumption	20W typical, normal operation
Power Management	VESA DPMS Compliant
Plug & Play	VESA DDC 1/2B
Optional Video Input	S-Video, Composite
Optional DVI Input	No
Optional Touch Screen	Resistive, Capacitive, SAW, IR
Optional protection glass(reflection rate<0.5%)	Optional
Operation Temperature	0°C~50°C

Outdoor readability**

Ambient light(nit)	Brightness measure Angle	15,000	30,000	80,000
Brightness gain(nit)	35°	500	620	990
Reflectance(net)(%)		1.0%	0.9%	0.8%

Remarks: R12L600 series= VGA Input only

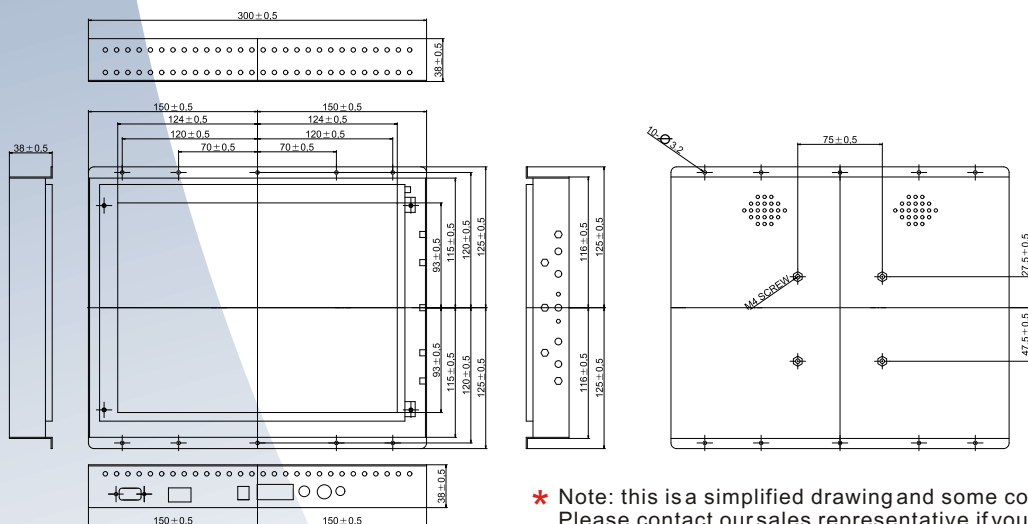
R12L630 series= VGA+Video Input

Specifications are subject to change without notice.
Reflectance rate will change by LCD panel ITO glass design and coating ratio.

- * : Average brightness measured at center point under bright after enhancement.
Actual number may deviate from this number due to original panel's brightness deviation.
- ** : Expected brightness under different ambient environment.
Simulated brightness number for reference.



Mechanical Drawing



UNIT:mm

Rev.	Reasons	Revised Date
1.0	First release	Apr-30-10
1.1	Spec change	Aug-20-10

* Note: this is a simplified drawing and some components are not marked in detail.
Please contact our sales representative if you need further product information.